

Director: Debra K. Kenerson P.O. Box 41505 Nashville, TN 37204-1505 1-800-626-0987

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TENNESSEE WEEKLY WEATHER AND CROP BULLETIN



Released Weekly April - November

2004 Weather Crop 30

Issued 3:00 P.M. 10/25/04

Week Ending October 24, 2004

HARVEST BROUGHT TO A HALT

Virtually all harvest activities were brought to a standstill last week due to numerous heavy rain showers across the State. Farms in East Tennessee, however, welcomed the additional moisture, mostly for their pastures and tobacco in the barn. With only 2 days suitable for fieldwork, farmers worked on machinery, renovated pastures, stripped burley, and harvested some fall crops, as weather permitted. Despite the many rain showers, most producers still are on schedule with last year, with the exception of winter wheat planting. This moisture also benefitted the recently seeded wheat, which is now beginning to emerge. Cotton producers made slow progress last week and only harvested a small fraction of the remaining acreage. Harvest is currently slightly behind last year but lags over two weeks behind the 5-year average. With soybean harvest approaching the halfway mark, farmers remain on schedule with last year and the 5-year average. Rainfall averaged above normal for the week, as did temperatures, across the entire State. As of Friday, topsoil moisture levels were rated 6 percent short, 80 percent adequate, and 14 percent surplus. Subsoil moisture levels were rated 10 percent short, 85 percent adequate, and 5 percent surplus.

| CROP PROGRESS: Through | CONDITION: On October 22, 2004 | | | | | | | | | |
|----------------------------|--------------------------------|--------------|------|----------------------|----------|--------------|------|------|------|-----|
| Crop | This Week | Last Week | 2003 | Five Year Avg. | Item | Very Poor | Poor | Fair | Good | Exc |
| Percent | | | | | Percent | | | | | |
| Cotton - Harvested | 42 | 40 | 43 | 68 | Pastures | 0 | 5 | 25 | 62 | 8 |
| Soybeans - Dropping Leaves | 97 | 90 | 93 | 97 | Cattle | 0 | 2 | 23 | 61 | 14 |
| Soybeans Harvested | 45 | 44 | 43 | 48 | | | | | | |
| Burley Tobacco Stripped | 43 | 40 | 40 | 34 | | | | | | |
| Winter Wheat Seeded | 24 | 19 | 61 | 43 | | | | | | |
| Winter Wheat Emerged | 9 | n/a | 18 | 11 | | | | | | |

COTTON: Growers made little harvest progress last week. The pace at week's end was approximately two weeks behind normal. Virtually, all of the cotton crop has been defoliated.

SOYBEANS: Soybean harvest continued slower than normal due to the heavy showers. As of Sunday, slightly less than half of the State's acreage had been harvested, ahead of last year but behind the 5-year average.

TOBACCO: The crop continues to cure well, while over half still awaits market preparation. This year's stripping operations continue to outpace last year and the normal schedule.

WINTER WHEAT: One-fourth of the State's winter wheat acreage has been planted, with a small amount emerging.

PASTURES, HAY & CATTLE: Rains have boosted pasture growth and greened up newly seeded pastures. Farmers have reported that they have an adequate supply of hay heading into the winter months with the addition of carryover from last year's crop. Cattle were rated in mostly fair-to-good condition.

TEMPERATURES AND PRECIPITATION

| For week ending: October 24 th , 2004(with comparisons) | | | | | | | | | | |
|--|-------------|-----------------------------|--------|-----|-----------------|---------|--------------|-----------|---------------|------|
| | TEMPERATURE | | | | | PREC | GDD BASE 60F | | | |
| | | | Ending | | Current Week | Current | | Departure | | |
| LOCATION | | Oct 24 th , 2004 | | | | Rain | Since | From | Since April 1 | |
| | HI | LO | AVG | DFN | 10/24/04 | Days | January 1 | Normal | Total | DFN |
| Ames_Plantation | 83 | 50 | 67 | +9 | 4.52 | 7 | 49.00 | +7.40 | 2478 | +30 |
| Tri-City_RGNL_A | 75 | 42 | 61 | +8 | 1.38 | 3 | 42.72 | +8.81 | 1839 | +165 |
| Brownsville_TN | 83 | 51 | 66 | +8 | 2.08 | 4 | 45.12 | +3.62 | 2636 | +476 |
| Chattanooga/Lov | 78 | 54 | 66 | +9 | 2.45 | 4 | 45.17 | +2.17 | 2598 | +233 |
| Clarksville_Sew | 79 | 48 | 65 | +10 | 1.54 | 5 | 32.06 | -8.20 | 2368 | +176 |
| Cookeville | 80 | 34 | 64 | +9 | 2.60 | 3 | 50.96 | +5.24 | 1969 | +621 |
| Covington | 85 | 50 | 65 | +8 | 2.81 | 4 | 41.57 | +0.85 | 2328 | -167 |
| Crossville_AP | 74 | 55 | 64 | +11 | 2.37 | 3 | 50.68 | +6.07 | 1732 | +201 |
| Dickson_AG | 77 | 52 | 64 | +8 | 4.37 | 4 | 50.89 | +7.99 | 1983 | -286 |
| Dover_1W | 77 | 38 | 63 | +8 | 3.42 | 3 | 35.65 | -6.32 | 2181 | +232 |
| Dyersburg | 81 | 54 | 67 | +9 | 3.40 | 5 | 32.63 | -7.05 | 2527 | -125 |
| Erwin_1W | 75 | 33 | 60 | +8 | 0.55 | 4 | 45.76 | +5.14 | 1766 | -215 |
| Huntingdon_Wate | 79 | 43 | 64 | +9 | 5.40 | 5 | 47.18 | +4.56 | 2313 | +253 |
| Jackson_Exp_Stn | 81 | 48 | 65 | +9 | 2.41 | 5 | 43.19 | +1.64 | 2484 | +92 |
| Kingston_AG | 77 | 38 | 63 | +9 | 1.29 | 2 | 46.68 | -0.23 | 2053 | +265 |
| Knoxville_AP | 77 | 53 | 65 | +9 | 1.45 | 4 | 42.18 | +3.92 | 2327 | +304 |
| Lewisburg | 77 | 42 | 63 | +8 | 4.48 | 6 | 52.84 | +8.85 | 2205 | +175 |
| Lexington_TN | 78 | 53 | 65 | +8 | 3.69 | 5 | 47.04 | +6.48 | 2325 | +888 |
| Linden | 76 | 50 | 65 | +10 | 3.27 | 5 | 48.72 | +4.82 | 2152 | +99 |
| Martin | 80 | 41 | 63 | +7 | 2.08 | 5 | 37.71 | -4.49 | 2388 | +110 |
| Mc_Minnville_Tn | 78 | 55 | 67 | +11 | 1.88 | 5 | 47.63 | +4.64 | 2257 | -291 |
| Memphis_AG | 85 | 52 | 68 | +7 | 3.35 | 5 | 42.66 | +2.09 | 2656 | -324 |
| Milan | 82 | 46 | 64 | +9 | 3.39 | 6 | 40.60 | -2.68 | 2304 | +83 |
| Murfreesboro_5N | 73 | 40 | 65 | +9 | 2.69 | 3 | 44.26 | +1.28 | 2244 | -306 |
| Nashville Metro | 74 | 56 | 65 | +8 | 2.66 | 4 | 47.55 | +9.55 | 2499 | +83 |
| Newcomb | 73 | 31 | 61 | +10 | 1.64 | 3 | 47.38 | +2.77 | 1734 | +301 |
| Oneida | 73 | 36 | 61 | +10 | 1.97 | 4 | 44.77 | +0.16 | 1790 | -375 |
| Pikeville | 78 | 54 | 66 | +11 | 1.89 | 3 | 45.85 | +3.08 | 2171 | +202 |
| Portland_TN | 74 | 42 | 63 | +9 | 1.55 | 3 | 48.64 | +7.47 | 2110 | +126 |
| Pulaski_Water_P | 76 | 40 | 63 | +5 | 4.87 | 4 | 57.91 | +13.86 | 2191 | -199 |
| Savannah 6SW | 79 | 51 | 66 | +8 | 4.76 | 6 | 57.35 | +12.55 | 2356 | +235 |
| Sparta_TN | 79 | 54 | 67 | +12 | 2.20 | 5 | 52.43 | +8.12 | 2296 | +581 |
| Springfield | 73 | 36 | 62 | +7 | 1.89 | 5 | 46.00 | +6.41 | 2134 | +149 |
| Springhill | 73 | 40 | 63 | +8 | 3.32 | 4 | 50.59 | +6.75 | 2318 | +299 |
| Union_City | 81 | 41 | 63 | +8 | 2.76 | 6 | 38.19 | -3.09 | 2137 | -57 |
| Waynesboro_TN | 77 | 47 | 65 | +11 | 3.54 | 4 | 57.86 | +12.12 | 2118 | -164 |
| , | | '. | | | | • | 37.30 | | | '. |

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.

Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.

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